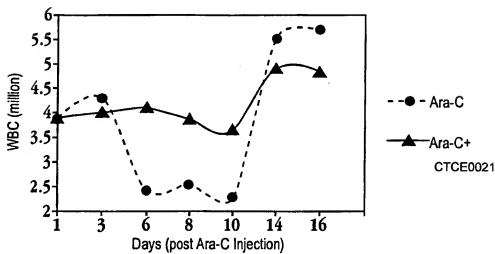




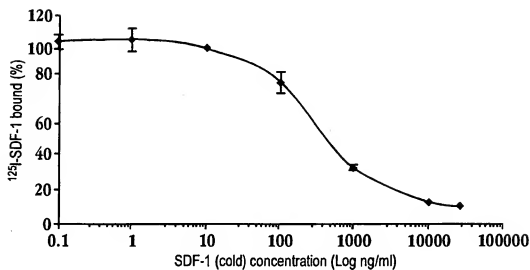
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Inventor: Tudan, et al.  
Serial No. 10/086,177  
Atty Dkt No. CHEMP001.US02

# REPLACEMENT SHEET 1 OF 13

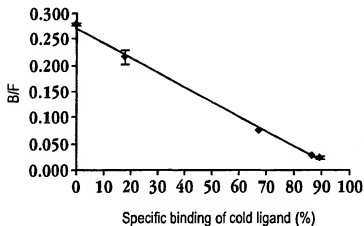


**Fig. 1**

REPLACEMENT SHEET 2 OF 13



**Fig. 2A**



**Fig. 2B**

REPLACEMENT SHEET 3 OF 13

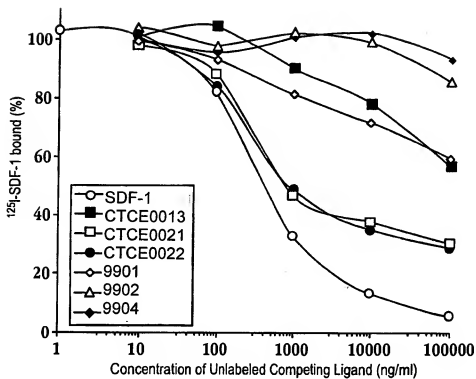
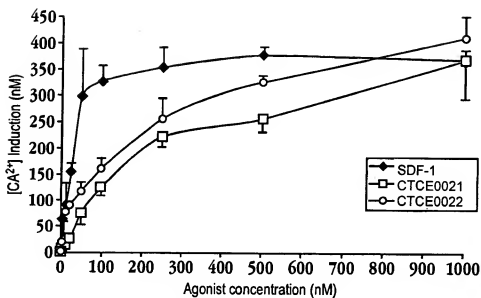


Fig. 2C

REPLACEMENT SHEET 4 OF 13



**Fig. 3**

REPLACEMENT SHEET 5 OF 13

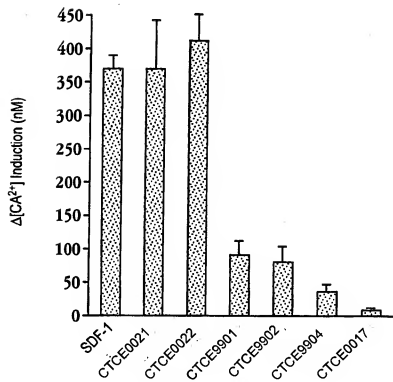


Fig. 4

REPLACEMENT SHEET 6 OF 13

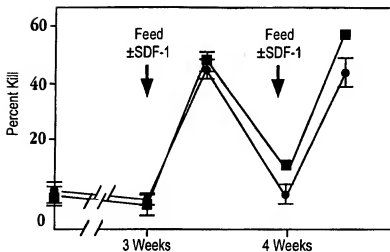


Fig. 5

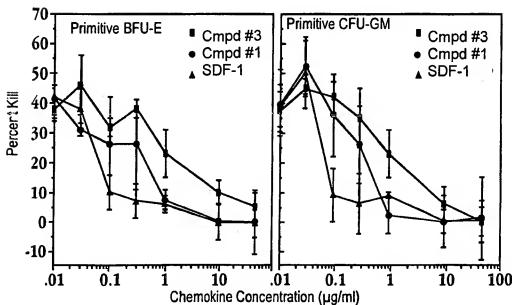


Fig. 6

REPLACEMENT SHEET 7 OF 13

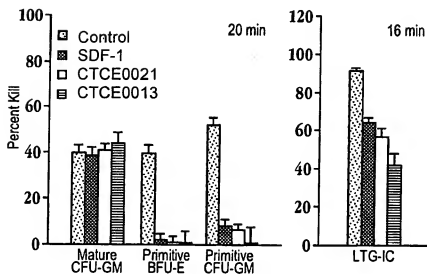


Fig. 7

REPLACEMENT SHEET 8 OF 13

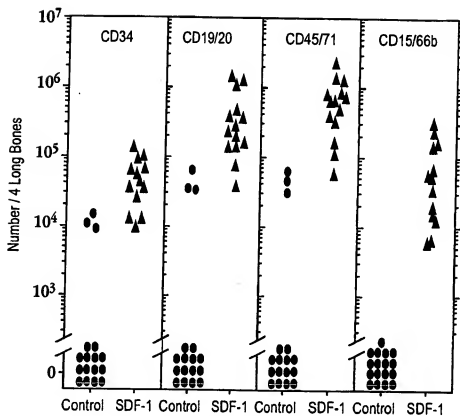


Fig. 8



REPLACEMENT SHEET 9 OF 13

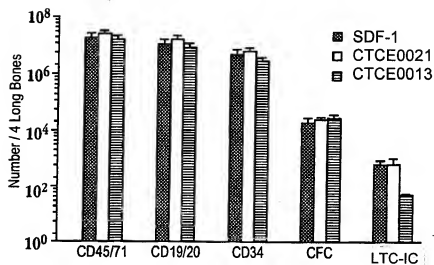
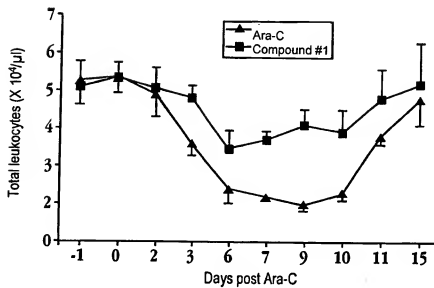


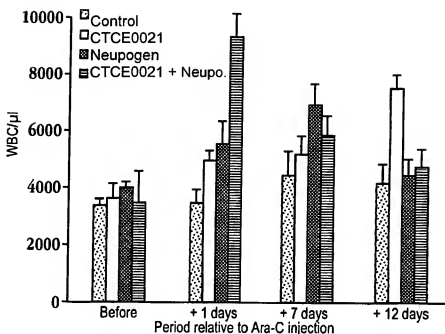
Fig. 9

REPLACEMENT SHEET 10 OF 13



**Fig. 10**

REPLACEMENT SHEET 11 OF 13



**Fig. 11**

REPLACEMENT SHEET 12 OF 13

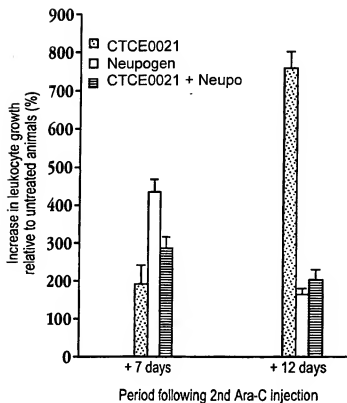


Fig. 12

# REPLACEMENT SHEET 13 OF 13

Seq. ID NO: 1 (SDF-1 $\alpha$ ; Human)

- a) LENGTH: 67 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and/or pegylated)

KPVSL SYRCP CRFFE SHVAR ANVKH LKILN TPNCA LQIVA RLKNN  
 1 6 11 16 21 26 31 36 41  
 NRQVC IDPKL KWIQE YLEKA LN  
 46 51 56 61 66

Seq. ID NO: 3 (SDF-1 Precursor, PBSF; Human)

- a) LENGTH: 93 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and or pegylated)

MNAKV VVVLV LVLTA LCLSD GKPVS LSYRC PCRFF ESHVA RANVK  
 1 6 11 16 21 26 31 36 41  
 HLKIL NTPNC ALQIV ARLKN NNRQV CIDPK LKWIQ EYLEK ALNKR  
 46 51 56 61 66 71 76 81 86

FKM  
 91

Seq. ID NO: 4 (SDF-1 $\beta$ ; Human)

- a) LENGTH: 93 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and or pegylated)

MNAKV VVVLV LVLTA LCLSD GKPVS LSYRC PCRFF ESHVA RANVK  
 1 6 11 16 21 26 31 36 41  
 ELKIL NTPNC ALQIV ARLKN NNRQV CIDPK LKWIQ EYLEK ALNKR  
 46 51 56 61 66 71 76 81 86

FKM  
 91